INTERNATIONAL SEARCH REPORT

L 03/00192

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02C3/055 F02B33/34 F02B41/10

F02C5/06

F02B53/00 F02C6/12

F02B53/14

F01C11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC $\frac{7}{1000}$ FO2C FO2B FO1C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

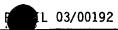
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to da						
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Χ	DE 42 41 403 A (INTERCOOL DEVELOPEMENT	1-5,7-9,				
	LTD) 15 July 1993 (1993-07-15)	11-14, 16,20,21				
	figures 1-8 abstract					
	claims 1-13					
Α	page 7, line 22 -page 8, line 32	6,10,15, 17,22, 23,25,26				
X	WO 83 01276 A (CLARKE JOHN M;GOLOFF ALEXANDER) 14 April 1983 (1983-04-14)	1-15				
Α	figures 1,2	17,18, 22,23,25				
	abstract	22,23,23				
	claims 1-4 page 3, line 25 -page 5, line 35					
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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E' earlier document but published on or after the international filling date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filling date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 9 May 2003	Date of mailing of the international search report 16/05/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Filjswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Wassenaar, G

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C.(Continu Category °	ation) DOCUMENTS OONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	claims 1-29 US 5 692 372 A (WHURR JOHN) 2 December 1997 (1997-12-02)	1-5,13, 26,27
	figures 1-3 abstract claims 1-9	
A	US 4 813 388 A (YANG KI W) 21 March 1989 (1989-03-21) figures 1-13 abstract	1-5,13
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